



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

April 3, 2017

Robert I. Rose
Agent, Summit Chemical Company
235 S. Kresson St.
Baltimore, MD 21224

Subject: Amended Reregistration Label
Product Name: Summit Pyrethrum ULV Insecticide
EPA Registration Number: 6218-36
Decision Number: 410528, 411686

Dear Mr. Rose:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of the information submitted with your application to support the reregistration of the above referenced product in connection with the Pyrethrins and Piperonyl butoxide RED, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

NOTE: This product is **not** yet being reregistered under section 4(g) of FIFRA.

Please note that the record for this product currently contains the Confidential Statements of Formulation (CSFs) listed below. Any previously dated CSFs are superseded.

- Basic CSF, dated 02/14/2010

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

A copy of your label stamped "Accepted" is enclosed. Products shipped after 12 months from the date of this amendment or the next printing of the label, whichever occurs first, must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6.

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If you have any questions about this letter, please contact Helen Hull-Sanders by phone at 703-347-0243, or via email at hull-sanders.helen@epa.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read "Gene Benbow".

Gene Benbow, Acting Product Manager 4
Invertebrate & Vertebrate Branch 1
Registration Division (7505P)
Office of Pesticide Programs

SUMMIT®
PYRETHRUM ULV INSECTICIDE
 INTENDED FOR USE BY TRAINED PERSONNEL ONLY

ACTIVE INGREDIENTS:

Pyrethrins:.....5.00%
 Piperonyl Butoxide*:.25.00%

OTHER INGREDIENTS:**.....70.00%

TOTAL:..... 100.00%

*(butyl carbityl)(6-propylpiperonyl) ether and related compounds.
 **Contains Petroleum Distillates. This product contains 0.367 pounds of Pyrethrins and 1.83 pounds of Piperonyl Butoxide Technical per gallon.

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID	
If swallowed	<ul style="list-style-type: none"> ● Immediately call a poison control center or doctor. ● Do not induce vomiting unless told to do a poison control center or doctor. ● Do not give any liquid to the person. ● Do not give anything by mouth to an unconscious person.
If on skin or clothing	<ul style="list-style-type: none"> ● Take off contaminated clothing. ● Rinse skin immediately with plenty of water for 15-20 minutes. ● Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none"> ● Hold eye open and rinse slowly and gently with water for 15-20 minutes. ● Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. ● Call a poison control center or doctor for treatment advice.
If inhaled	<ul style="list-style-type: none"> ● Move person to fresh air. ● If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible. ● Call a poison control center or doctor for treatment advice.
NOTE TO PHYSICIAN: Contains petroleum distillate. Vomiting may cause aspiration pneumonia.	
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center, or doctor, or going for treatment. For additional information on this product (including health concerns, medical emergencies, or pesticide incidents), you may the National Pesticides Information Center (NPIC) at 1-800-858-7378 seven days a week, 6:30 am to 4:30 pm Pacific Time (NPIC Web site: www.npic.orst.edu).	
See side panel for additional precautionary statements.	

Contents: X gallon, quarts, pints

Lot No. _____

Summit®

235 South Kresson Street

Baltimore, MD 21224-2616

Phone: (410) 522-0661

Toll-Free: (800) 227-8664

Fax: (410) 522-0833

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION**

Harmful if swallowed. Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

Personal Protective Equipment (PPE)

Mixers, loaders, applicators, and other handlers (except for applicators using hand-held foggers and fog/mist generators) must wear: long sleeved shirt, long pants, shoes, and socks and chemical resistant gloves (such as barrier laminate, nitrile or neoprene rubber, or Viton, selection category E). Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. A chemical-resistant apron is required for mixers/loaders, persons cleaning equipment, and persons exposed to the concentrate. In addition to the above PPE, mixers, loaders, and applicators using a high pressure hand wand in indoor spaces must wear at least a NIOSH-approved particulate respirator with any N, R, or P filter with NIOSH approved prefix TC-84A.

In addition to the above PPE, applicators using hand held foggers or fog/mist generators in indoor spaces must wear: coveralls over long-sleeved shirt and long pants, chemical resistant footwear plus socks, chemical-resistant headgear, if overhead exposure, and a half-face, full-face, or hood-style NIOSH-approved respirator with: a dust/mist filtering cartridge (MSHA/NIOSH approval number prefix TC-21C or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC- 14G), or a cartridge or canister with any R,P or HE filter.

User Safety Requirements

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent material that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

User Safety Recommendations

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is highly toxic to aquatic organisms, including fish and invertebrates. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. This product may contaminate water through runoff. This product has a potential for runoff for several weeks after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product. This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

Except as specified in the directions for use, do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash-waters or rinsate. Do not apply over bodies of water (lakes, rivers, permanent streams, natural ponds, commercial fish ponds, swamps, marshes or estuaries), except when necessary to target areas where adult mosquitoes are present, and weather conditions will facilitate movement of applied material away from the water in order to minimize incidental deposition into the water body. Do not apply when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas.

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA. Before making the first outdoor application in a season, it is advisable to consult with the state or tribal agency with primary responsibility for pesticide regulation to determine if other regulatory requirements exist.

PHYSICAL HAZARDS

FLAMMABLE. Keep away from heat and open flame.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

USE RESTRICTIONS:

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. Do not use in serving areas while food is exposed or facility is in operation. Serving areas are areas where prepared foods are served, such as dining rooms, but excluding areas where foods may be prepared or held. Do not make space spray applications when food handling and processing is in operation. Prior to space spray applications, cover or remove food and cover food-processing surfaces or clean after treatment and before use. In the home, all food processing surfaces and utensils should be covered during treatment or thoroughly washed before use. Remove or cover exposed food and drinking water before application. Remove or cover dishes, utensils, food processing equipment, and

food preparation surfaces, or wash them before use. Do not allow spray to contact food, feedstuffs or water supplies. Remove pets, birds, and cover fish aquariums before use. Do not enter or allow others to enter until vapors, mists, and aerosols have dispersed, and the treated area has been thoroughly ventilated. Do not wet articles to point of runoff or drip. Exit area immediately and remain outside the treated area until aerosols, vapors, and/or mists have dispersed. Do not enter or allow others to enter until sprays have dried. Do not use treated article until spray has dried. Do not apply directly to sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water-bodies, or aquatic habitat can occur, except as directed by this label. When used in dairy barns or facilities, close milk bulk tank lids to prevent contamination from spray and from dead or falling insects. Remove or cover milking utensils before application. Wash teats of animals before milking. Do not use in aircraft. Not for use in outdoor residential misting systems.

EFFECTIVE IN THE CONTROL OF INSECTS LISTED ON THIS LABEL IF THE APPLICATOR FOLLOWS THE DIRECTIONS FOR USE AS SET FORTH ON THIS LABEL.

FOR COCKROACHES ONLY: Apply at a rate of 1 ounce per 1000 cubic feet of space. Open all closets, cabinets, drawers, and other potential harborages. Direct spray toward ceiling and upper corners of the area and into, under and behind obstructions, cabinets, appliances and furnishings if the equipment and constructions of the treatment so allow. Keep area closed for at least 1 hour before ventilation. Repeat treatment as necessary. Sweep up and destroy fallen insects.

Close windows and doors and shut off ventilating systems. Use a fogger or vaporizer adjusted to deliver an aerosol spray (no droplets over 50 microns in diameter and 80% less than 30 microns). Apply at a rate of 1/2 ounce per 1,000 cubic feet of space. Direct the spray toward the ceiling and upper corners of the area behind obstructions. Keep the area closed for at least 15 minutes. Vacate the treated area and ventilate before reoccupying. Repeat treatment as necessary. Sweep up and destroy fallen insects.

The method of application will control COCKROACHES and exposed, accessible stages of FLIES, (including FRUITFLIES), MOSQUITOES, SMALL MITES, CHEESE SKIPPERS, BOXELDER BUGS, EARWIGS, ANTS and the following common stored product pests: GRANARY WEEVILS, RICE BEETLES, SPIDER BEETLES, MOTHS, MEDITERRANEAN FLOUR MOTHS, INDIAN MEAL MOTHS, TOBACCO MOTHS, YELLOW MEALWORMS, DARK MEALWORMS, GRAIN MITES, CADELLES, and RED FLOUR BEETLES.

DRIED FRUIT PRODUCTS in storage or being processed, for control of CONFUSED FLOUR BEETLES, DRIED FRUIT BEETLES, INDIAN MEAL MOTHS, and SAW-TOOTHED GRAIN BEETLES: Remove and destroy infested products. As noted above, disperse this product as a fine mist in the air above the trays and shelves. Do not apply to fruit directly. Use one-half ounce per 1,000 cubic feet of space. Repeat application at

this dosage in any given month. Leave the room closed for one hour. Sweep up and destroy fallen insects.

STORED FOOD: (Stored in multi-wall bags or cloth bags) in warehouses, storage rooms, flour mills, grain elevators, granaries for control of ANGOUMOIS GRAIN MOTHS, CADELLES, CONFUSED FLOUR BEETLES, INDIAN MEAL MOTHS, MEDITERRANEAN FLOUR MOTHS, RICE WEEVILS, SAW-TOOTHED GRAIN BEETLES, YELLOW MEALWORMS, CHEESE MITES, CHEESE SKIPPERS, CIGARETTE BEETLES, GRAIN MITES, GRANARY WEEVILS, DARK MEALWORMS, and RED FLOUR BEETLES: Remove and destroy infested products. As noted above, disperse the product first by directing spray into corners, under pallets, and around stacks of packaged foods hitting as many insects as possible and then treat as a space spray.

Infested stored products should be fumigated or treated by other effective methods using an approved product intended for this purpose. Use a dosage of one-half fluid ounce per 1,000 cubic feet of space. Do not remain in treated areas and ventilate area before re-entry. This application will kill accessible, exposed stages of those stored product pests listed above. Sweep up and destroy fallen insects.

INDOOR USE AS A SPACE SPRAY, DILUTED: For use in conventional mechanical fogging equipment to kill FLIES, FRUIT FLIES, MOSQUITOES, SMALL FLYING MOTHS, and GNATS: Cover or remove exposed food and food handling surfaces. Close room and shut off all air conditioning or ventilating system equipment. Dilute 1 part concentrate plus 49 parts oil (refined kerosene) and mix well. Apply at the rate of 1 to 2 fluid ounces per 1,000 cubic feet filling the room with mist. Keep area closed for at least 15 minutes. Vacate treated area and ventilate before reoccupying. Repeat treatment when reinfestation occurs.

SURFACE SPRAY: To insure maximum control of crawling insects (ANTS, BOXELDER BUGS, CLOVER MITES, DRUGSTORE BEETLES, EARWIGS, LICE, and SPIDER BEETLES), dilute 1 part concentrate plus 49 parts oil (refined kerosene) and mix well and apply as a coarse wetting spray using approximately 1 gallon of spray mixture to 750 square feet of surface. Spray walls, floors and other surfaces of bins and storage and handling areas thoroughly, being especially careful to treat cracks, crevices and similar hiding places. Treat unloading, handling and processing areas and inside conveying processing and handling equipment. Spray thoroughly around the base of heavy machinery and equipment. Spray insects directly when possible.

For transit protection, clean and spray truck beds, boxcars, and ship's hold before loading. Thoroughly treat walls and floors and spray each layer of cartons or containers lightly as stacked.

To control INDIAN MEAL MOTHS, and ANGOUMOIS GRAIN MOTHS in stored grain, apply to the surface of binned grain at a rate of 1 gallon per 1,000 square feet. Apply at monthly intervals with the first appearance of moths and continuing until early

fall. In case of severe infestation, break up webbing with rake before spraying and make a second application in two weeks. As an aid in control of MOSQUITOES, GNATS, WASPS, and SKIPPERS: treat walls ceilings, moldings, screens, door and window frames, beams, light cords and similar resting places.

CONTACT AND SURFACE SPRAY: For the control of roaches, dilute 2.5 ounces to make one gallon of finished solution in oil. Use a good sprayer adjusted to deliver a coarse, wet spray. Direct the spray into hiding places, cracks and crevices under pallets around containers of stored foods, around bases of machinery, behind shelves and drawers. Spray roaches directly whenever possible. Repeat application as necessary.

ANIMAL QUARTER USE (Cattle barns, horse barns, poultry houses, swine houses, zoos): As a space spray diluted for use in conventional mechanical fogging equipment to kill FLIES, MOSQUITOES, SMALL FLYING MOTHS, and GNATS, dilute 1 part concentrate plus 49 parts oil (refined kerosene) and mix well. Apply at the rate of 2 fluid ounces per 1,000 cubic feet of space above the animals. Direct spray towards the upper portions of the enclosure filling the room with moisture. Keep area closed for at least 15 minutes. Vacate treated area and ventilate before reoccupying. Repeat treatment when reinfestation occurs.

FOR USE IN FEDERALLY INSPECTED MEAT AND POULTRY PLANTS: Dilute one part concentrate with 5 parts base oil (refined kerosene) and use with a ULV spraying device at the rate of one ounce per 1,000 cubic feet of room space. Apply the spray into all cracks and crevices in woodwork, walls, floors, underneath sinks, behind pipes and in all places where these insects shelter. Contact as many insects as possible. Repeat as necessary for control of exposed or accessible stages of ROACHES, SILVERFISH, WATERBUGS, EARWIGS, ANTS, SPIDERS, FLIES, FRUIT FLIES, MOSQUITOES, SMALL FLYING MOTHS, and GNATS.

OUTDOOR GROUND APPLICATIONS, UNDILUTED: To control ADULT MOSQUITOES, GNATS, and SMALL FLYING MOTHS, this concentrate is formulated to be diluted with a suitable oil diluent, such as, but not limited to, light mineral oil, deodorized kerosene or petroleum distillate, for use in cold fog aerosol generators. This concentrate may be diluted or used as supplied for mosquito control programs involving residential, industrial, recreational and agricultural areas, swamps, marshes, overgrown wastes areas, roadsides and pastures where adult mosquitoes occur.

Use in agricultural areas should be in such a manner as to avoid residues in excess of established tolerances for pyrethrins and piperonyl butoxide on crops or commodities.

Best results are expected from application when the meteorological conditions favor an inversion of air temperatures in the area treated, and when the wind is not excessive. Repeated applications may be made as necessary to obtain the desired reduction in adult mosquitoes.

This pesticide may be applied with equipment designed and operated to produce a suitable ultra low (ULV) spray application, which meets the dosage per acre objective of not more than .0025 pounds of pyrethrins and .0125 pounds of piperonyl butoxide per acre. For control of *Aedes taeniorhynchus* in Florida, it may be necessary to use a dose up to .008 pounds of pyrethrins and .04 pounds of piperonyl butoxide per acre.

Back pack applications may require a greater rate of dilution than the dilution used for vehicle or aircraft mounted sprayers, in order to achieve the desired rate of application of active ingredients per acre.

To control MOSQUITO LARVAE, dilute at the rate of 9 ounces per 50 gallons of oil and apply at the rate of 20 to 25 gallons per acre. Apply as a coarse wetting spray to the border or on shallow water of wetlands, swamps and marshes where mosquito larvae are known to breed.

TEMPORARY REDUCTION OF ANNOYANCE AND POTENTIAL VECTORS, UNDILUTED, from FLIES, MOSQUITOES, and SMALL FLYING MOTHS OUTDOORS. The aforementioned application for outdoor ground application will afford temporary reduction of annoyance from these pests in public gathering places (drive-in restaurants, drive-in theaters, golf courses, municipalities, sewers, parks, playgrounds and recreational areas). Direct application into tall grass, shrubbery and around lawns where these pests may hover or rest. Apply while air is still. Avoid wetting foliage. Application should be made prior to attendance. Repeat as necessary.

FOR USE IN THERMAL FOGGING EQUIPMENT: Following the above directions and precautions, prepare a solution containing 0.1% pyrethrins and 0.5% piperonyl butoxide technical by mixing 2 ½ fluid ounces of this product with 125 ½ fluid ounces of fuel oil, refined soybean oil or light mineral oil, to equal one gallons of spray. Apply at a rate of not more than .0025 pounds of pyrethrins and .0125 pounds of piperonyl butoxide per acre. For control of nuisance species, it may be necessary to use a dose of up to .008 pounds of pyrethrins and .04 pounds of piperonyl butoxide per acre.

In additional outdoor areas (corrals, feed lots, swine lots and zoos), cover water, drinking fountains and animal feed before use. Fill area with mist directing application into tall grass, shrubbery and around lawns where these pests may hover or rest. Apply while air is still. Avoid wetting foliage. In zoos, avoid exposure of captive reptiles to the product. Repeat as necessary.

FOR USE ON ANIMALS: To protect beef and dairy cattle, and horses from HORN FLIES, MOSQUITOES, and GNATS, dilute 1 part of concentrate plus 49 parts oil (refined kerosene) and mix well. Apply a light mist sufficient to wet the tips of the hair. To control STABLE FLIES, HORSE FLIES, and DEER FLIES on beef and dairy cattle and horses, apply 2 ounces per adult animal, sufficient to wet the hair but not to soak the hide. Repeat treatment once or twice daily or at intervals to give continued protection.

To control the mobile stages of BLOOD SUCKING LICE on beef and dairy cattle, apply the spray to thoroughly wet the hair. Use 2 ounces or less per animal and repeat every 2 to 3 weeks as required.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

STORAGE: Store in a cool, dry place. Do not store near heat or open flame.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL (containers 5 gallons or under): Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container $\frac{1}{4}$ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank for store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

CONTAINER DISPOSAL (containers over 5 gallons): Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: empty remaining contents into application equipment or a mix tank. Fill the container $\frac{1}{4}$ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Notice: To the extent consistent with applicable law, the seller makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extends beyond the statements made on this label. To the extent consistent with applicable law, the seller shall not be liable for consequential, special or indirect damages resulting from the use, handling, application, storage or disposal of this product or for damages in the nature of penalties, and the buyer and the user waive any right that they may have to such damages.